

ABSTRACT

The object of the present invention is to provide an inkjet recording ink ensuring excellent ejection stability even after aging of the ink and also exhibiting excellent weather resistance; provide an inkjet recording ink ensuring less blurring of the image drawn, in addition to excellent ejection stability and weather resistance; and provide a yellow ink and a dark yellow ink, which can contribute to realization of a pictorial quality with excellent color balance as a constituent ink of an ink set.

These objects of the present invention can be achieved by an inkjet recording ink comprising an aqueous medium containing a yellow dye, particularly, a yellow dye represented by formula (1), having spectral absorption characteristics such that the maximum absorption wavelength is in the region from 390 to 470 nm and the absorption long-wave end has a tailing of a specified value or less, and antioxidative characteristics such that the ozone enforced discoloration rate constant is 5.0×10^{-2} [hour⁻¹] or less.

Furthermore, when the ink contains a diamino compound represented by formula (A), a carbonyl group (or sulfo group or the like)-containing cyclic compound represented by formula (B) and an organic solvent having a specific structure, the effect of the present invention is enhanced.